



05-18-05

1632  
en

Docket No.: 49663(48340)  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Heather J. Belmont et al.

Application No.: 10/024,648

Confirmation No.: 2636

Filed: December 19, 2001

Art Unit: 1632

For: TRANSGENIC ANIMALS COMPRISING A  
HUMANIZED IMMUNE SYSTEM

Examiner: A. M. S. Wehbe

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 CFR 1.97, Applicants hereby make of record the following additional documents. A PTO Form SB/08 and a full copy of each of the documents required under 37 CFR 1.98(a)(2) accompany this statement.

Applicants have become aware of the following documents, cited in an Supplementary Partial European Search Report issued February 16, 2005, during the prosecution of European Patent Application No. 01 994 325.7 (national phase of International Patent Application No. PCT/US01/49413), which corresponds to the above referenced application, and in accordance with 37 CFR 1.97(c) and (e)(1) or (b)(3), hereby submit these documents for the Examiner's consideration. These documents are cited on the enclosed PTO Form SB/08, and a copy of the Supplementary Partial European Search Report and of each documents required under 37 CFR 1.98(a)(2) cited thereon are enclosed as well.

This statement is not to be interpreted as a representation that the cited documents are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any document herein be construed *per se* as a representation that such document is prior art. Moreover, Applicants understand that the Examiner will make an independent evaluation of the cited documents.

The undersigned hereby certifies that each item contained in this Supplemental Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Supplemental Information Disclosure Statement.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. 49663(48340). A duplicate copy of this paper is enclosed.

Dated: May 16, 2005

Respectfully submitted,

By 

Marla L. Tocker, Esq.

Registration No.: 54,493

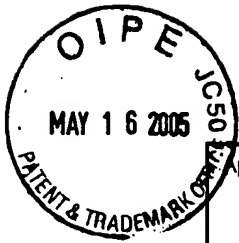
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Attorney for Applicants



Application No. (if known): 10/024,648

Attorney Docket No.: 49663(48340)

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Supplemental Information Disclosure Statement (2 pages, in duplicate)  
PTO/SB/08 (1 page)  
Copies of Six (6) References Cited  
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PTO/SB/08a/b (08-03)

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<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/024,648-Conf. #2636
				Filing Date	December 19, 2001
				First Named Inventor	Heather J. Belmont
				Art Unit	1632
				Examiner Name	A. M. S. Wehbe
Sheet	1	of	1	Attorney Docket Number	49663(48340)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
	B1	WO 97/32603 A	09-12-1997	Scripps Research Institute		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

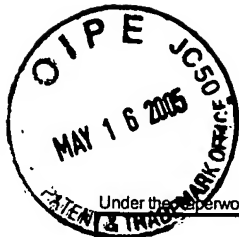
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C1	ROTHE JOACHIM, et al., "Functional expression of a human TCR-beta gene in transgenic mice" International Immunology, Vol. 5, No. 1, 1993, pp. 11-17, XP009039278, ISSN 0953-8178.	
	C2	VINEY J. L., et al., "Generation of monoclonal antibodies against a human T Cell receptor beta chain expressed in transgenic mice" Hybridoma, Liebert, New York, NY, US, Vol. 11, No. 6, December 1, 1992, pp. 701-713, XP002062863, ISSN 0272-457X.	
	C3	FUKUI YOSHINORI et al., "Differential requirement of MHC class II Molecules expressed on hematopoietic cells for positive selection of CD4+ thymocytes in TCR-alpha-beta and TCR-beta transgenic mice" International Immunology, Vol. 9, No. 9, 1997, pp. 1385-1391, XP002303910, ISSN 0953-8178.	
	C4	CHUNG S. et al., "Functional three-domain single-chain T-Cell receptors" Proceedings of the National Academy of Sciences of USA, National Academy of Science. Washington, U.S., Vol. 91, No. 26, 20 December 1994, pp. 12654-12658, XP002039051, ISSN 0027-8424.	
	C5	ISHIMOTO et al., "In vitro and in vivo evidence for high frequency of I-Ab-reactive CD4+ T cells in HLA-DQ or HLA-DRA transgenic mice lacking endogenous MHC class I and/or class II expression" Journal of Immunology (Baltimore MD), 15 October 1997, Vol. 159, No. 8, pp. 3717-3722, XP002303911, ISSN 0022-1767.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Examiner Signature		Date Considered	
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491048



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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/024,648-Conf. #2636
	Filing Date	December 19, 2001
	First Named Inventor	Heather J. Belmont
	Art Unit	1632
	Examiner Name	A. M. S. Wehbe
Total Number of Pages in This Submission	Attorney Docket Number	49663(48340)

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement (2 pages, in duplicate) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO/SB/08 (1 page) Copies of Six (6) References Cited Copy of Supplementary Partial European Search Report (9 pages) Certificate of Express Mailing (1 page) Return Receipt Postcard
<b>Remarks</b>  Customer No. 21874		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	EDWARDS & ANGELL, LLP		
Signature			
Printed name	Marla L. Tocker, Esq.		
Date	May 16, 2005	Reg. No.	54,493